

Appendix table 3-6

**Primary reason for scientists and engineers to participate in work-related training, by labor force status: 2008**

(Percent distribution)

| Reason  | Total      | Labor force status |            |                    |
|---|------------|--------------------|------------|--------------------|
|   |            | Employed           | Unemployed | Not in labor force |
| All scientists and engineers engaged in work-related training ( <i>n</i> )        | 13,430,000 | 12,793,000         | 192,000    | 445,000            |
| All reasons   | 100.0      | 100.0              | 100.0      | 100.0              |
| To improve skills or knowledge in current occupational field                      | 53.2       | 54.3               | 32.7       | 31.6               |
| To increase opportunities for promotion/advancement in current occupational field | 5.8        | 5.9                | 8.2        | 3.0                |
| For licensure/certification in current occupational field                         | 23.5       | 23.1               | 25.7       | 34.7               |
| To facilitate change to different occupational field                              | 1.6        | 1.2                | 12.6       | 6.3                |
| Required or expected by employer  | 13.6       | 13.7               | 13.5       | 11.1               |
| For leisure or personal interest  | 1.8        | 1.5                | 3.9        | 10.5               |
| Other reason  | 0.5        | 0.3                | 3.4        | 2.8                |

NOTES: Scientists and engineers include those with one or more S&E or S&E-related degrees at bachelor's level or higher or who have a non-S&E degree at bachelor's level or higher and were employed in an S&E or S&E-related occupation in 2008. Unemployed individuals are those not working, but who have looked for a job in the preceeding 4 weeks. Question not asked of those who never worked. Detail may not add to total because of rounding.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT) (2008), <http://sestat.nsf.gov>.